

Please amend claims 1 and 7-22 as follows.

Sub 21

1. (Amended) A computer-implemented method of generating three-dimensional form data to be used in a computer apparatus, the method comprising the steps of:

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generating two dimensional horizontal closed curves and vertical lines intersecting the closed curves, the closed curves and the lines [including] corresponding to a three-dimensional form model;

projecting [the] horizontal closed curves [and the lines to the] including a three-dimensional form model and vertical lines intersecting the closed curves to generate a [curved surface including a curve] group of curves along a surface of the three dimensional form model; and

modifying the [curved surface by moving lines in the curve group projected to] group of curves by moving a curve or curves in the group along a surface of the three-dimensional form model.

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7. (Amended) A computer-implemented method of generating three-dimensional form data to be used in a computer apparatus, the method comprising the steps of:

generating two dimensional horizontal closed curves and vertical lines intersecting the closed curves, the closed curves and the lines [including] corresponding to a three-dimensional form model;

projecting [the] horizontal closed curves [and the lines to the] including a three-dimensional form model and vertical lines intersecting the closed curves to generate a [curved surface including a curve] group of curves along a surface of the three dimensional form model; and

[adding a line projected to the three-dimensional form model to the curved group projected to the three-dimensional form model wherein the curved surface is modified]

modifying the group of curves by adding a curve or curves projected to the three-dimensional form model to the group of curves.

8. (Amended) A computer-implemented method of generating three-dimensional form data to be used in a computer apparatus, the method comprising the steps of:

generating two dimensional horizontal closed curves and vertical lines intersecting the closed curves, the closed curves and the lines [including]

corresponding to a three-dimensional form model;

projecting [the] horizontal closed curves [and the lines to the] including a three-dimensional form model and vertical lines intersecting the closed curves to generate a [curved surface including a curve] group of curves along a surface of the three dimensional form model; and

[deleting a line in the curve group projected to the three-dimensional form model to the curved group wherein the curved surface is modified]

modifying the group of curves by deleting a curve or curves in the group of curves.

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9. (Amended) A [memory for storing a method for generating] computer-readable medium having stored thereon a plurality of sequences of instructions, said plurality of sequences of instructions including sequences of instructions which, when executed by a processor, cause said processor to generate three-dimensional form data by performing the steps of:

[a means for] generating two-dimensional horizontal closed curves and vertical lines intersecting the closed curves, the closed curves and the lines [including] corresponding to a three-dimensional form model;

[a means for] projecting [the] horizontal closed curves [and the lines to the] including a three-dimensional form model and vertical lines intersecting the closed curves to generate a [curved surface including a curve] group of curves along a surface of the three dimensional form model; and

[a means for] modifying the [curved surface by moving lines in the curve group projected to] group of curves by moving a curve or curves in the group along a surface of the three-dimensional form model.

10. (Amended) The [memory] computer-readable medium according to claim 9, wherein said [memory] computer-readable medium comprises a magnetic medium.

11. (Amended) The [memory] computer-readable medium according to claim 9, wherein said [memory] computer-readable medium comprises a flexible disk.

12. (Amended) The [memory] computer-readable medium according to claim 9,
wherein said [memory] computer-readable medium comprises a hard disk.

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13. (Amended) A [memory for storing a method for generating] computer-readable medium having stored thereon a plurality of sequences of instructions, said plurality of sequences of instructions including sequences of instructions which, when executed by a processor, cause said processor to generate three-dimensional form data by performing the steps of:

[a means for] generating two-dimensional horizontal closed curves and vertical lines intersecting the closed curves, the closed curves and the lines [including] corresponding to a three-dimensional form model;

[a means for] projecting [the] horizontal closed curves [and the lines to the] including a three-dimensional form model and vertical lines intersecting the closed curves to generate a [curved surface including a curve] group of curves along a surface of the three dimensional form model; and

[a means for adding a line projected to the three-dimensional form model to the curved group projected to the three-dimensional form model wherein the curved surface is modified]

modifying the group of curves by adding a curve or curves projected to the three-dimensional form model to the group of curves.

14. (Amended) The [memory] computer-readable medium according to claim 13,
wherein said [memory] computer-readable medium comprises a magnetic medium.

13, 15. (Amended) The [memory] computer-readable medium according to claim
wherein said [memory] computer-readable medium comprises a flexible disk.

13, 16. (Amended) The [memory] computer-readable medium according to claim
wherein said [memory] computer-readable medium comprises a hard disk.

Sub 65 17. (Amended) A [memory for storing a method for generating] computer-readable medium having stored thereon a plurality of sequences of instructions, said plurality of sequences of instructions including sequences of instructions which, when executed by a processor, cause said processor to generate three-dimensional form data by performing the steps of:

[a means for] generating two-dimensional horizontal closed curves and vertical lines intersecting the closed curves, the closed curves and the lines [including] corresponding to a three-dimensional form model;

[a means for] projecting [the] horizontal closed curves [and the lines to the] including a three-dimensional form model and vertical lines intersecting the closed curves to generate a [curved surface including a curve] group of curves along a surface of the three dimensional form model; and

[a means for deleting a line in the curved group projected to the three-dimensional form model wherein the curved surface is modified
modifying the group of curves by deleting a curve or curves in the group of curves.

18. (Amended) The [memory] computer-readable medium according to claim
17,
wherein said [memory] computer-readable medium comprises a magnetic
medium.

19. (Amended) The [memory] computer-readable medium according to claim
17,
wherein said [memory] computer-readable medium comprises a flexible disk.

20. (Amended) The [memory] computer-readable medium according to claim
17,
wherein said [memory] computer-readable medium comprises a hard disk.

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21. (Amended) [An apparatus of generating three-dimensional form data] A computer system comprising:

a processor; and

a memory coupled to said processor, the memory having stored therein a sequence of instructions which, when executed by said processor, cause said processor to generate three-dimensional form data by causing the processor to perform the steps of:

[a means for] generating two-dimensional horizontal closed curves and vertical lines intersecting the closed curves, the closed curves and the lines [including] corresponding to a three-dimensional form model;

[a means for] projecting [the] horizontal closed curves [and the lines to the] including a three-dimensional form model and vertical lines intersecting the closed curves to generate a [curved surface including a curve] group of curves along a surface of the three dimensional form model; and

[a means for adding a line projected to the three-dimensional form model to the curve group projected to the three-dimensional form model wherein the curved surface is modified]

modifying the group of curves by adding a curve or curves projected to the three-dimensional form model to the group of curves.

22. (Amended) [An apparatus of generating three-dimensional form data] A
computer system comprising:

a processor; and

a memory coupled to said processor, the memory having stored therein a
sequences of instructions which, when executed by said processor, cause said
processor to generate three-dimensional form data by causing the processor to perform
the steps of:

[a means for] generating two-dimensional horizontal closed curves and vertical
lines intersecting the closed curves, the closed curves and the lines [including]
corresponding to a three-dimensional form model;

[a means for] projecting [the] horizontal closed curves [and the lines to the]
including a three-dimensional form model and vertical lines intersecting the closed
curves to generate a [curved surface including a curve] group of curves along a surface
of the three dimensional form model; and

[a means for deleting a line in the curved group projected to the three-
dimensional form model wherein the curved surface is modified]

modifying the group of curves by deleting a curve or curves in the group of
curves.